# ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

## Product

Coated paper plates (printed and unprinted)

## Material

- Paper board
- Water-based coating
- Printing inks (for printed plates)

## Packaging

Inner: Polyethylene (PE)
Outer: Corrugated board

## Intended Use/Area of Use

The plates are suitable for all types of food up to 70°C except acidic food (pH <4.5). See comment under Product Safety.

## Product Safety

The plates fulfil the following:

- EU Regulation 1935/2004/EC
- EU Regulation 2023/2006/EC
- BfR recommendation XXXVI, Paper and board for food contact. See details in *Declaration of Compliance*.
- Duni manufacturing units are certified according to the international quality system ISO 9001. They have also implemented the environmental management system ISO 14001.

*Comment: The coated plates are tested according to Plastic regulation 10/2011. The plates do not pass the overall migration for 3% acetic acid due to the lack of resistance of the coating under acidic conditions. Therefore, they are not recommended for high acidic food with pH <4.5. The tested plates meet the requirements for overall migration with 95% ethanol and isooctane as well as specific migration of metals.*

## Environmental Aspects

### Product

The paper is made from wood, which is a renewable resource. The pulp is unbleached and made from 100% virgin fibres.

The coating is water-based (WB).

### Packaging

The corrugated board is unbleached and to a large extent made from recycled fibres.

PE is a polymer produced from refined mineral oil or natural gas. The polymer consists simply of carbon and hydrogen. The corrugated board box is made from wood, which is a renewable resource

### Labelling

The plates are FSC certified.

The unprinted plates are also labelled with Ok compost.

## Packaging and Packaging Waste

The packaging complies with all essential requirements as defined by Directive 94/62/EC on packaging and packaging waste. This means minimum adequate amount of packaging, limitation of heavy metal content, recyclable through at least one of the following: reuse, recycling, material recovery, energy recovery or composting (more details under Management of Used Products).

## Product End-of-Life

### Recycling

The plates and the corrugated board packaging can be sorted with paper for recycling. The PE wrapping can be sorted with plastic for recycling. Check with the local recycling company to get the most accurate information.

### Energy Recovery

All the materials are suited for energy recovery. Incineration of mixed waste for energy recovery is a



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good end-use of products. Paper and plastic may burn well with low emissions.

Incineration facilities for energy recovery are dependent on local infrastructure. Incineration for energy recovery is a good alternative when material recovery is not available by recycling.

### *Compostability*

The unprinted plats are compostable in industrial facilities and complies with EN standard 13432:2000 for packaging recoverable through composting and biodegradation. Check with the local waste handling company to know how they handle compostable materials for most accurate information.

### *Validity*

This is a copy of a document issued 2021-06-04. It is normally updated every second year or when there is a change in the manufacturing process, in the product or in legislation.